

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072424AL\
 Data File : FE049240.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2024 20:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 01:28:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.907	2769386	17.855 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.342	2111251	18.070 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.297	2618447	17.411 ug/ml
2) T n-Decane (C10)	4.546	2722173	17.625 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2724848	17.489 ug/ml
4) T n-Dodecane (C12)	6.713	2705905	17.573 ug/ml
5) T A~2-methylnaphthalene...	7.348	2544736	17.486 ug/ml
6) T n-Tetradecane (C14)	8.540	2664751	17.557 ug/ml
7) T n-Hexadecane (C16)	10.147	2705785	17.842 ug/ml
8) T n-Octadecane (C18)	11.589	2723653	17.939 ug/ml
10) T n-Eicosane (C20)	12.897	2595971	17.952 ug/ml
11) T n-Heneicosane (C21)	13.509	2544322	17.942 ug/ml
13) T n-Docosane (C22)	14.095	2539012	18.072 ug/ml
14) T n-Tetracosane (C24)	15.196	2570700	18.342 ug/ml
15) T n-Hexacosane (C26)	16.217	2579796	18.398 ug/ml
16) T n-Octacosane (C28)	17.164	2678300	19.135 ug/ml
17) T n-Tricontane (C30)	18.052	3008472	20.624 ug/ml
18) T n-Dotriacontane (C32)	18.884	3127066	21.267 ug/ml
19) T n-Tetratriacontane (C34)	19.667	3034461	20.774 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2945475	20.432 ug/ml
21) T n-Octatriacontane (C38)	21.136	2948623	19.698 ug/ml
22) T n-Tetracontane (C40)	22.039	3056663	20.256 ug/ml

(f)=RT Delta > 1/2 Window

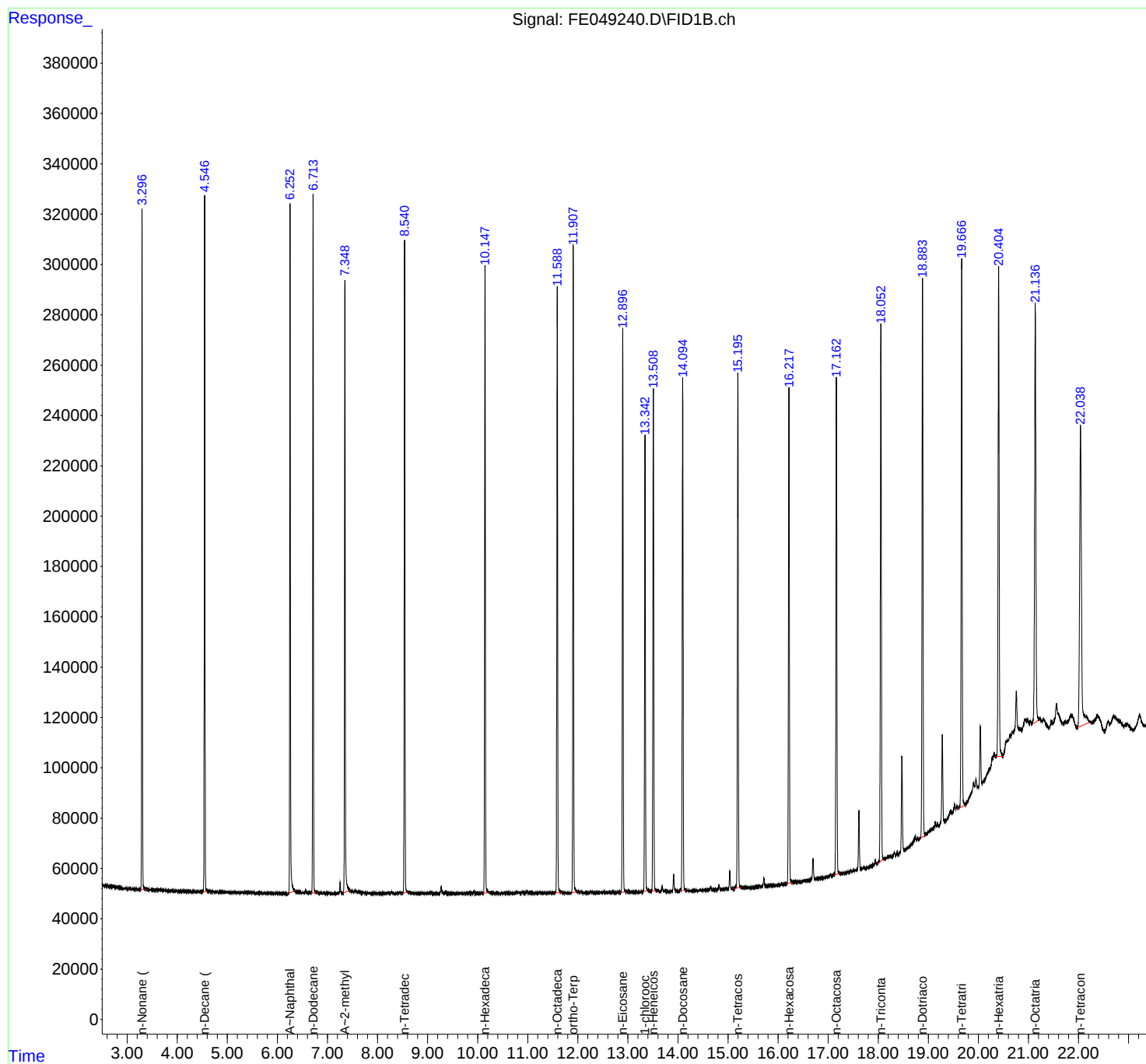
(m)=manual int.

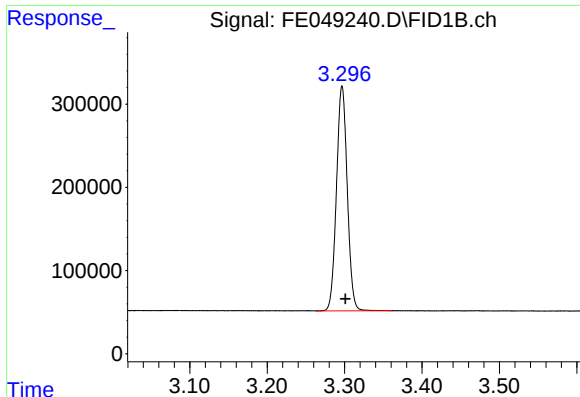
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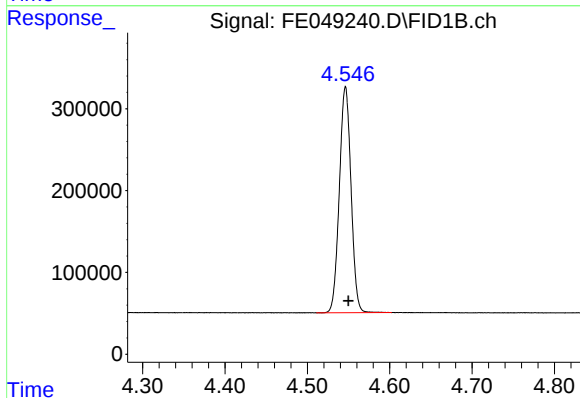




#1 n-Nonane (C9)

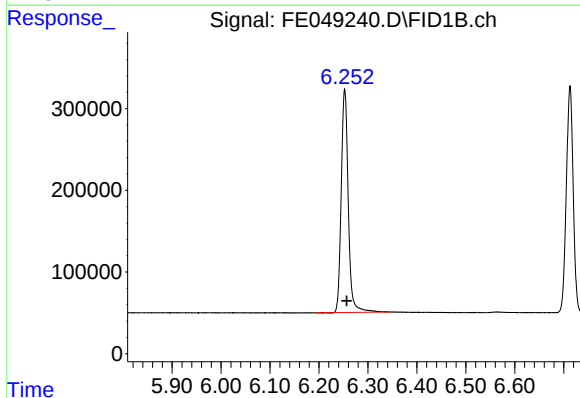
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2618447
Conc: 17.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



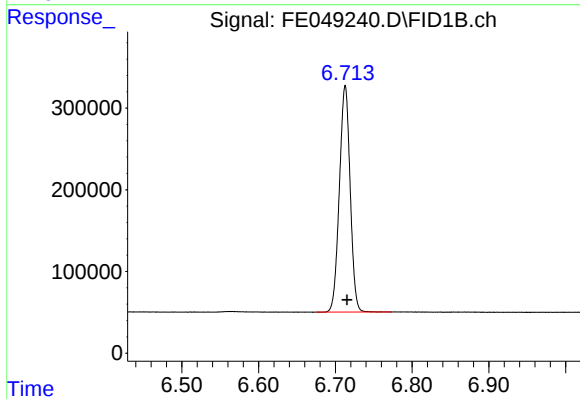
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 2722173
Conc: 17.62 ug/ml



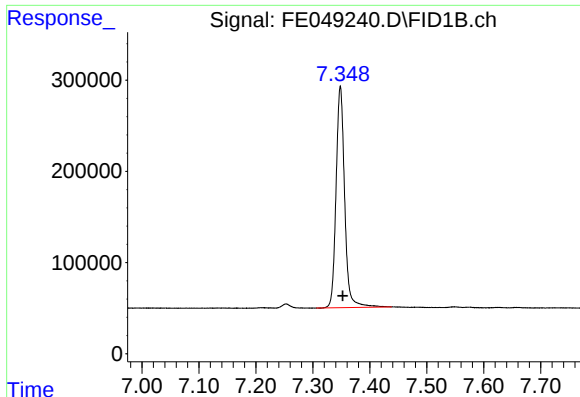
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 2724848
Conc: 17.49 ug/ml



#4 n-Dodecane (C12)

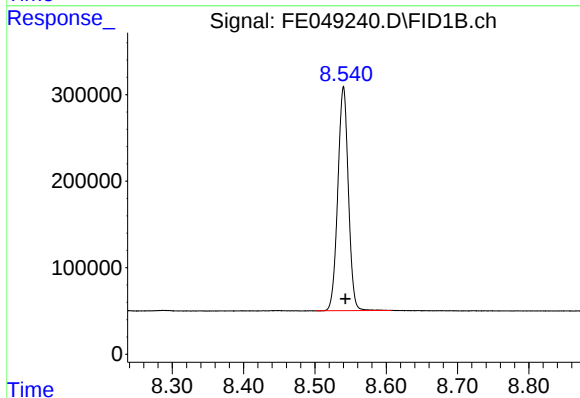
R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 2705905
Conc: 17.57 ug/ml



#5 A~2-methylnaphthalene (C12.89)

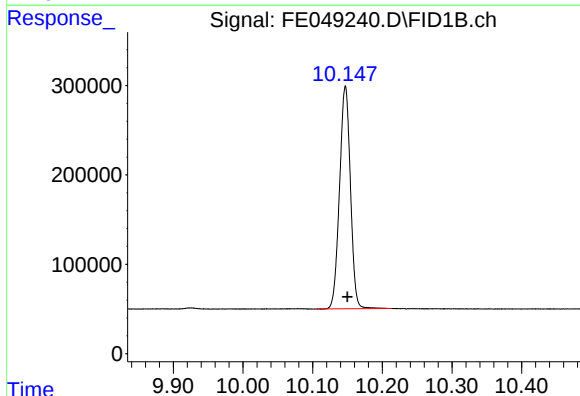
R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 2544736
Conc: 17.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



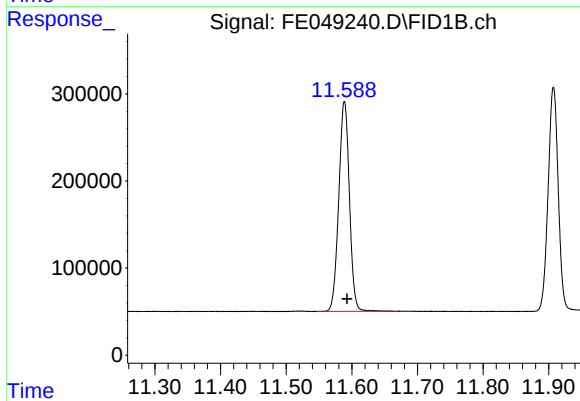
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2664751
Conc: 17.56 ug/ml



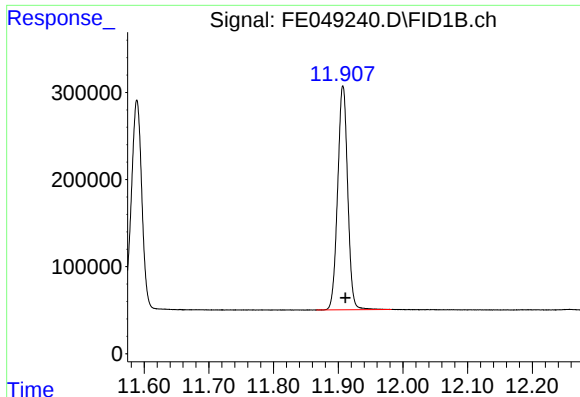
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 2705785
Conc: 17.84 ug/ml



#8 n-Octadecane (C18)

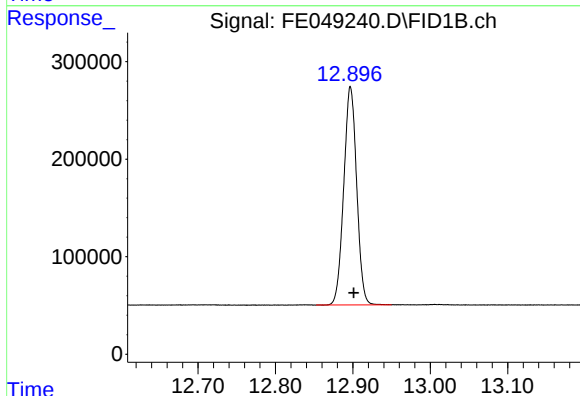
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2723653
Conc: 17.94 ug/ml



#9 ortho-Terphenyl (SURR)

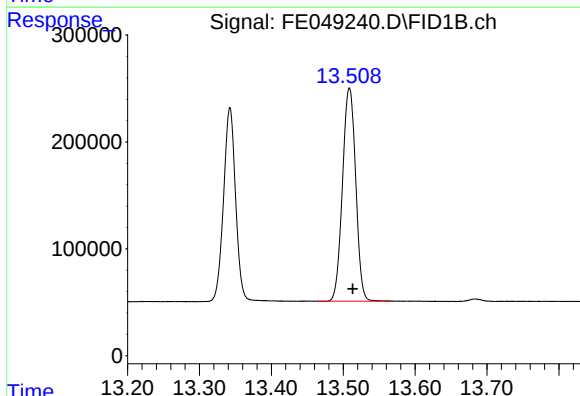
R.T.: 11.907 min
Delta R.T.: -0.004 min
Response: 2769386
Conc: 17.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



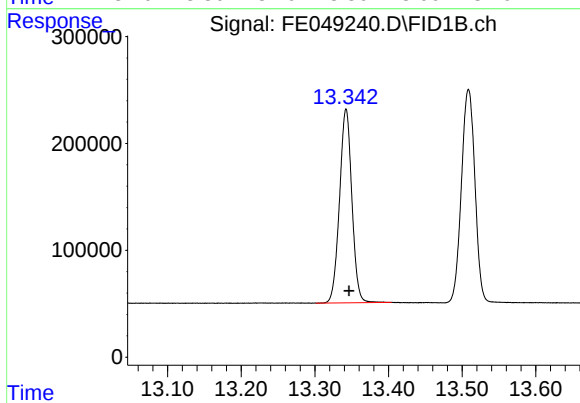
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 2595971
Conc: 17.95 ug/ml



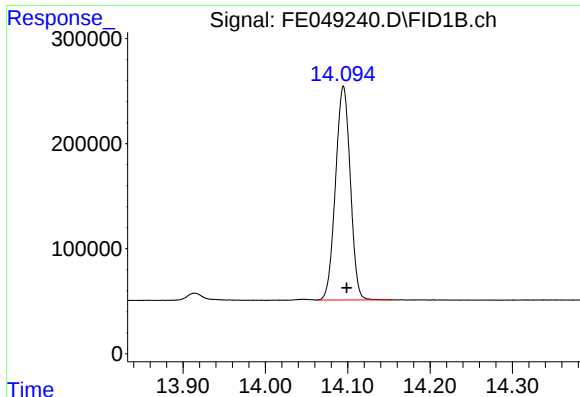
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2544322
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

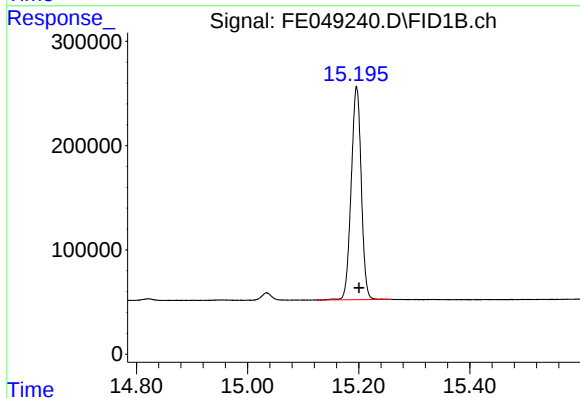
R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 2111251
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

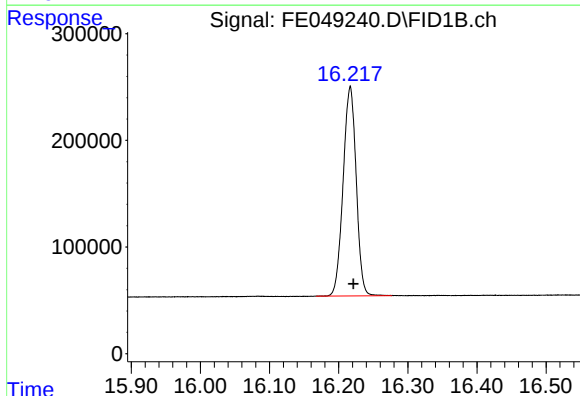
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2539012
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



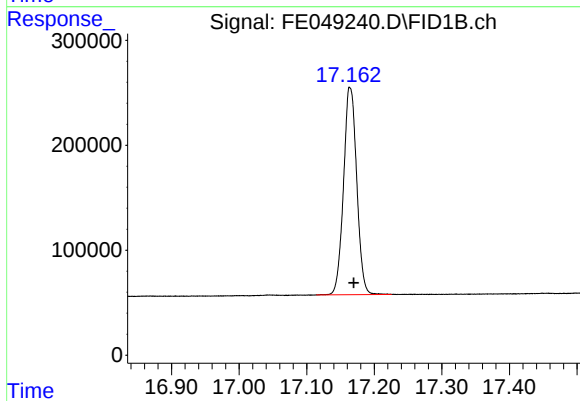
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.004 min
Response: 2570700
Conc: 18.34 ug/ml



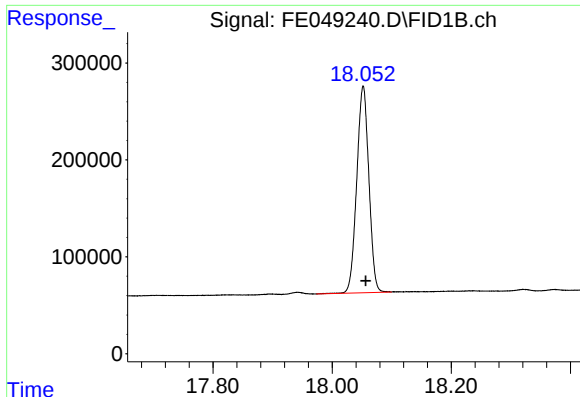
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 2579796
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

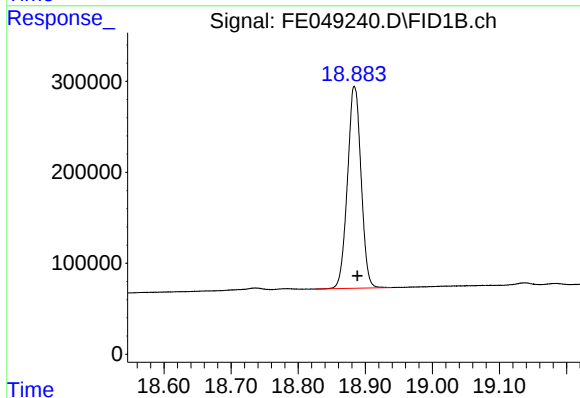
R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 2678300
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

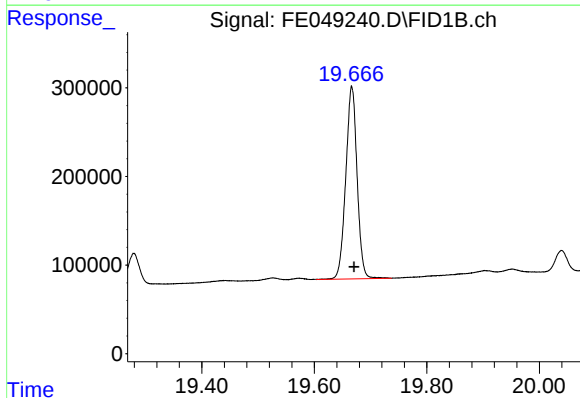
R.T.: 18.052 min
Delta R.T.: -0.004 min
Response: 3008472
Conc: 20.62 ug/ml

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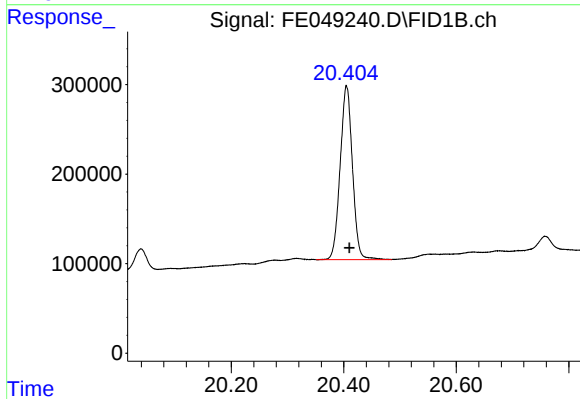
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.004 min
Response: 3127066
Conc: 21.27 ug/ml



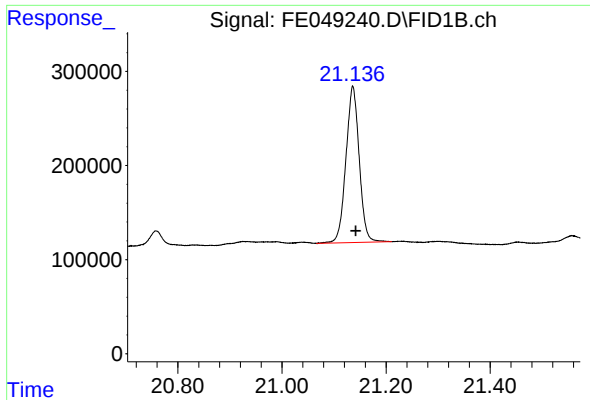
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.004 min
Response: 3034461
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

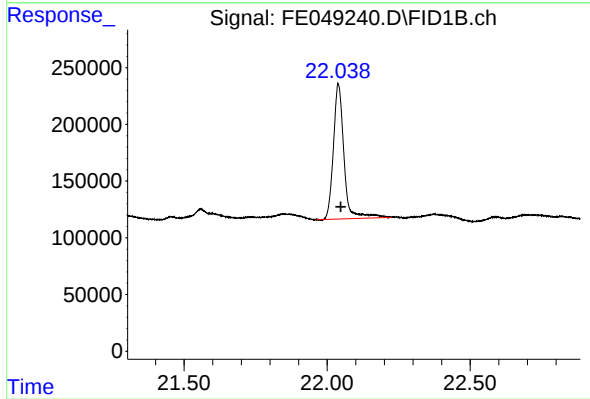
R.T.: 20.405 min
Delta R.T.: -0.005 min
Response: 2945475
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.006 min
Response: 2948623
Conc: 19.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.008 min
Response: 3056663
Conc: 20.26 ug/ml